

Application No. 09/848,940
Amendment dated January 21, 2004
Reply to Office Action dated November 7, 2003

Amendments to the Specification:

Please replace the title with the following rewritten title:

~~DIELECTRIC TERMINAL DESIGN~~
COMPRESSOR WITH TERMINAL ASSEMBLY HAVING DIELECTRIC MATERIAL

Please replace paragraph 34 beginning on line 7 of page 10 with the following rewritten paragraph:

In the manner discussed above, an external power source (not shown) is electrically connected to conductor pins 56 of the terminal assembly, which are connected at 60, through inventive cluster block assembly 54 and jacketed lead wires 58 to stator windings 40. As shown in Figure 4, each lead wire 58 is positioned within plastic cluster block 57 of cluster block assembly 54 and electrically connected ~~at 60~~ to electrical connector clip 62, which engages the interior end of a conductor pin 56 in a manner which will be described in more detail hereinafter. Connector clip 62 is crimped to the uninsulated portion of lead wire 58 to provide the electrical and mechanical connection therebetween. Once electrical connection 60 between pins 56 and connector clip 62 is made, electrical power may be transferred from the external power source to stator windings 40 via pins 56 of terminal assembly 50 and lead wires 58. Energized, the stator electromagnetically induces rotation of rotor 42 to drive compression mechanism 46 through drive shaft 44.

Please replace the Abstract on page 21 with the following rewritten Abstract:

A hermetically sealed compressor assembly including a housing, an electric motor located in the housing, a compression mechanism located in the housing and operatively coupled to the motor, and a terminal assembly comprising a cup-shaped terminal body and having electrically conductive pins extending therethrough. The cup-shaped terminal body extends through and is sealingly attached to the housing. A cluster block assembly is in communication with the terminal assembly and includes a cluster block fitted to the terminal body, the cluster block having free volume therein. The pins are electrically connected to the motor through the cluster block assembly. A cavity is defined between the interior of the cup-shaped terminal body and the cluster block, and a dielectric material substantially fills at

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least one of the cavity and the cluster block free volume. The cluster block assembly may also include one or more apertures to provide for the introduction of the dielectric material which may be introduced after the mating of the connectors.